



## Key Terms

### The Sun-Earth-Moon System

**Directions:** Write the letter of the term that correctly completes each sentence in the space at the left.

- \_\_\_\_\_ 1. Earth moves in a(n) \_\_\_\_\_ around the Sun.  
a. circle b. ellipse
- \_\_\_\_\_ 2. Earth's \_\_\_\_\_ takes place on an imaginary line called its axis.  
a. rotation b. revolution
- \_\_\_\_\_ 3. The point at which the Sun reaches its greatest distance north or south of the equator is the \_\_\_\_\_.  
a. equinox b. solstice
- \_\_\_\_\_ 4. Earth's yearly orbit around the Sun is one \_\_\_\_\_.  
a. revolution b. rotation
- \_\_\_\_\_ 5. During a \_\_\_\_\_ the dark side of the Moon faces Earth.  
a. full Moon b. new Moon
- \_\_\_\_\_ 6. The seasons are caused by Earth's \_\_\_\_\_.  
a. tilt b. orbit around the sun
- \_\_\_\_\_ 7. The changing appearances of the Moon as seen from Earth are its \_\_\_\_\_.  
a. phases b. maria
- \_\_\_\_\_ 8. After a new moon, when more of the Moon's lighted side becomes visible, the phases are \_\_\_\_\_.  
a. waxing b. waning
- \_\_\_\_\_ 9. When objects hit the Moon, they created impact basins, or \_\_\_\_\_.  
a. craters b. magnetic fields
- \_\_\_\_\_ 10. The moon completes one rotation on its axis in \_\_\_\_\_.  
a. 24 hours b. 27.3 days
- \_\_\_\_\_ 11. During a \_\_\_\_\_, the moon blocks the Sun's rays.  
a. lunar eclipse b. solar eclipse
- \_\_\_\_\_ 12. Earth's \_\_\_\_\_ is 0.017, which is almost a circle.  
a. eccentricity b. tilt
- \_\_\_\_\_ 13. There are equal hours of daylight and nighttime during a(n) \_\_\_\_\_.  
a. solstice b. equinox

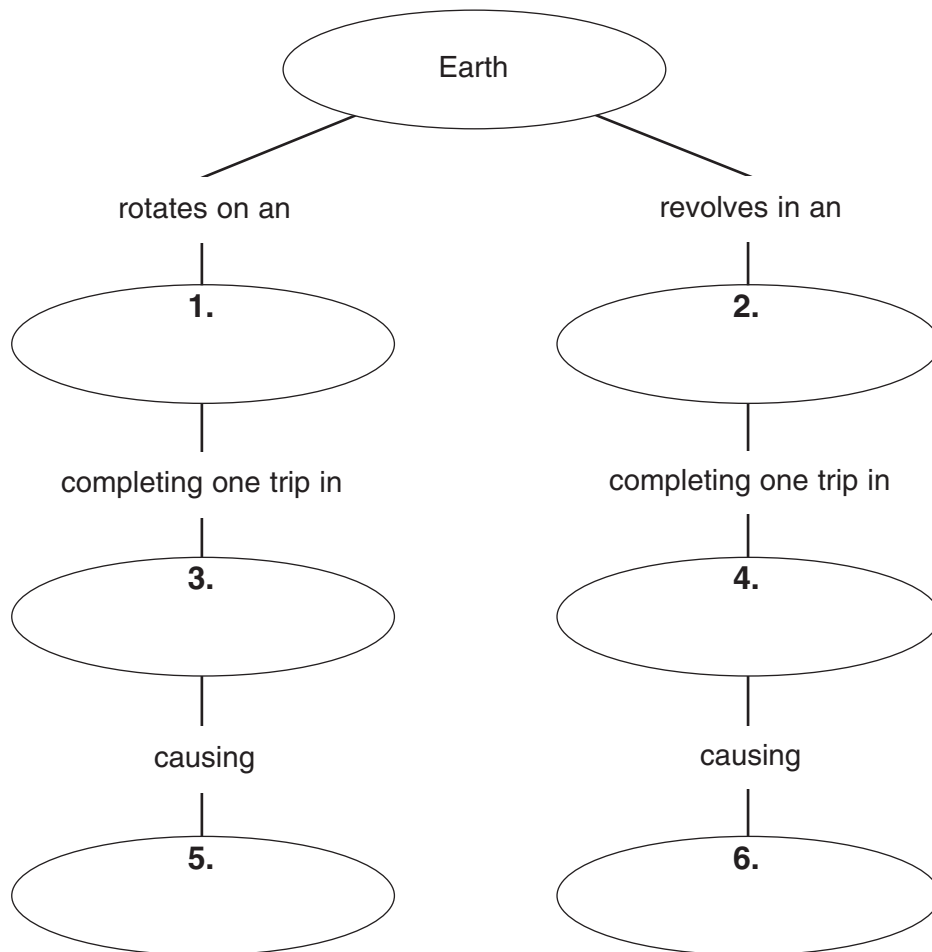
**Overview**  
**The Sun-Earth-Moon System**

**Directions:** Use the following terms to complete the concept map below.

the passage of a year  
about 365 days

orbit  
axis

day and night  
24 hours



**Directions:** Answer the following questions on the lines provided.

7. What phase comes after the new moon? \_\_\_\_\_ What phase comes after the full moon? \_\_\_\_\_

8. Why does the distance between the Earth and sun change throughout the year?

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